

B26 -- In addition, it is possible to define in the GAG region segments common to the O group and to the M group, such as SPRTLNAWVK (SEQ ID NO:15), GSDIAGTTST (SEQ ID NO:16) and QGPKEPFRDYVDRF (SEQ ID NO:17). --

Page 49, beginning at line 9 through line 17, replace this paragraph with the following text:

B27 -- The alignments of peptide sequences in the regions of the V3 loop of gp120 and in the immunodominant region of gp41 is given in Figure 9. The sequence of the interior of the V3 loop of the DUR strain differs substantially from that of the HIV-1 subgroup M consensus sequence. It shares the motif GPMAYISM (SEQ ID NO:28) with the VAU and ANT70 strains but not with the MVP strain, which has two substitutions: R for A and R for Y. --

Page 50, beginning at line 14 through line 23, replace this paragraph with the following text:

B28 -- The anti-DUR antiserum does not react with the peptides of the V3 loop of the HIV-1-M consensus sequence, of HIV-1 MAL, of HIV-1 CPZ or of HIV-1 group (or subgroup) O MVP5180 but does, however, react with the peptide of the V3 loop of HIV-1-O ANT70 as seen in Figure 14A. As regards the gp41 immunodominant region, this does not react with the "standard" HIV-1 subgroup M consensus sequence as seen in Figure 14B, but does, however, react, weakly but surprisingly, with the HIV-1 subgroup M right-extended consensus sequence. --

IN THE DRAWINGS:

APC Please amend the drawings as indicated below and in the attached Letter to the Office Draftsman, filed concurrently herewith.

In Figure 8C, please delete the last four amino acids letter designations "klae" in the line labeled "DUR" and insert therefor --lrae--.

In Figure 9A, please delete the "S" in the last six amino acids letter designations line labeled "VAU", which recite "S-A-Y-", and insert therefor --_--.

IN THE CLAIMS:

Please cancel claim 1 and add the following new claims:

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